

Amendment under 37 CFR § 1.116

Application No. 10/681,319

Attorney Docket No. 031175

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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended) A process for separation/recovery of platinum group metals (PGM) from a chloride solution containing the PGM and an impurity element, comprising:

a first step of selectively adsorbing the PGM by bringing a polyamine-based anion exchange resin into contact with the solution to form adsorption-treated resin,

a second step of washing the adsorption-treated resin to form washing-treated resin, and

a third step of eluting the PGM from the washing-treated resin to form an effluent,

wherein said elution step comprises a step of bringing the washing-treated resin into contact with an aqueous solution consisting of water and thiourea or hydrochloric acid solution, or with [[the]] a first aqueous solution consisting of water and thiourea and then [[the]] a second aqueous solution consisting of water and hydrochloric acid solution successively.

2. (Original) The process according to Claim 1 for separation/recovery of PGM, further comprising the step of keeping the chloride solution at an oxidation-reduction potential of 700 to 1100mV (based on an Ag/AgCl electrode).

3. (Original) The process according to Claim 1 for separation/recovery of PGM, wherein said washing step comprises the steps of washing the adsorption-treated resin with a diluted hydrochloric acid solution or water, or with diluted hydrochloric acid solution and then water.